

Summary of Water Conditions February 1, 2011

Water year 2011 has been one of sharp contrasts. It started wet in October reaching a crescendo late in December. The 3 month October through December period ranked in the wettest tenth of the record in the northern Sierra. On New Year's Day, statewide seasonal precipitation was nearly twice average. This was followed by extensive dryness in January which fell into the lowest tenth for monthly precipitation. The snowpack, which was more than 200 percent of normal for that date, changed little during January, but did remain on the mountains, assuring at worst a near normal water supply for the year in central and southern Sierra rivers even if future precipitation to April is relatively low.

Forecasts of the median April through July runoff is about 110 percent of average compared to 95 percent in last year's forecast and an actual 125 percent last year. Forecasted amounts are heavier in the southern Sierra than the northern river basins. Water year forecasts are about same, 110 percent statewide.

Snowpack water content is about 135 percent of average for this time of year. This compares with 115 percent last year on this date. The pack is about 85 percent of the April 1 average, normally the date of maximum accumulation. As was true last year the percentages are higher in the southern Sierra.

Precipitation from October through January was about 135 percent compared to 110 percent one year ago. January precipitation, normally our heaviest month, was only 30 percent of average. Seasonal percentages are heaviest in the south, ranging from about 100 percent on the North Coast to over 200 percent in the South Lahontan region.

Runoff has been about 120 percent of average as a result of the December storms, much more than the 65 percent last year. Estimated runoff of the eight major rivers of the Sacramento and San Joaquin River region in January was 2.07 million acre-feet.

Reservoir storage is about 110 percent of average statewide compared to 80 percent one year ago. Many of the major Central Valley foothill reservoirs had to make some extra releases in January to maintain adequate flood control space.

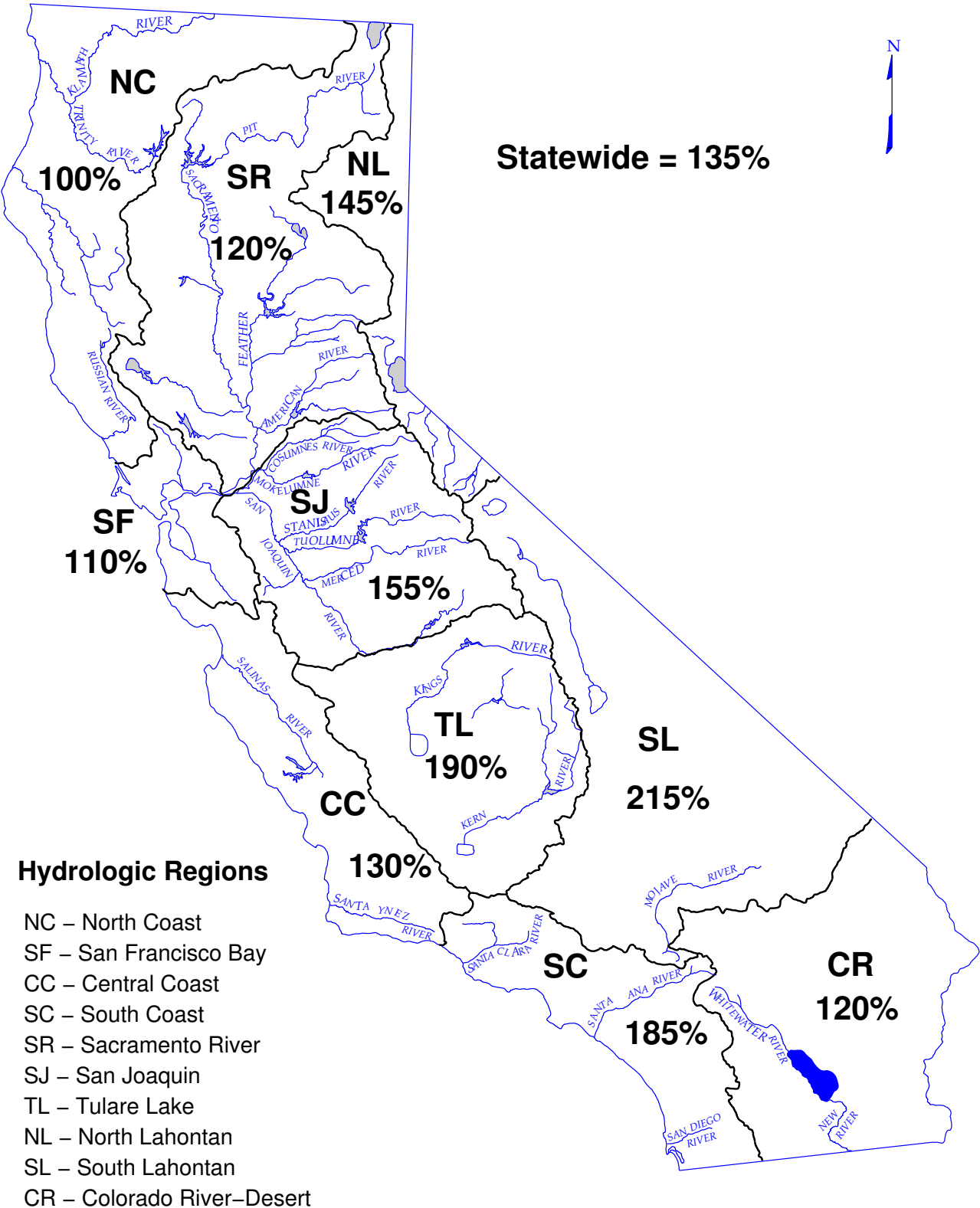
SUMMARY OF WATER CONDITIONS IN PERCENT OF AVERAGE

HYDROLOGIC REGION	PRECIPITATION OCTOBER 1 TO DATE	FEBRUARY 1 SNOW WATER CONTENT	FEBRUARY 1 RESERVOIR STORAGE	RUNOFF OCTOBER 1 TO DATE	APR-JULY RUNOFF FORECAST	WATER YEAR RUNOFF FORECAST
NORTH COAST	100	80	105	100	85	95
SAN FRANCISCO BAY	110	--	105	85	--	--
CENTRAL COAST	130	--	105	100	--	--
SOUTH COAST	185	--	105	--	--	--
SACRAMENTO RIVER	120	110	105	110	90	95
SAN JOAQUIN RIVER	155	145	125	210	120	125
TULARE LAKE	190	185	135	230	140	150
NORTH LAHONTAN	145	140	80	155	115	120
SOUTH LAHONTAN	215	180	105	115	100	95
COLORADO RIVER- DESERT	120	--	--	--	--	--
STATEWIDE	135	135	110	120	110	110

SEASONAL PRECIPITATION

IN PERCENT OF AVERAGE TO DATE

October 1, 2010 through January 31, 2011



WATER YEAR IS OCTOBER 1 THROUGH SEPTEMBER 30

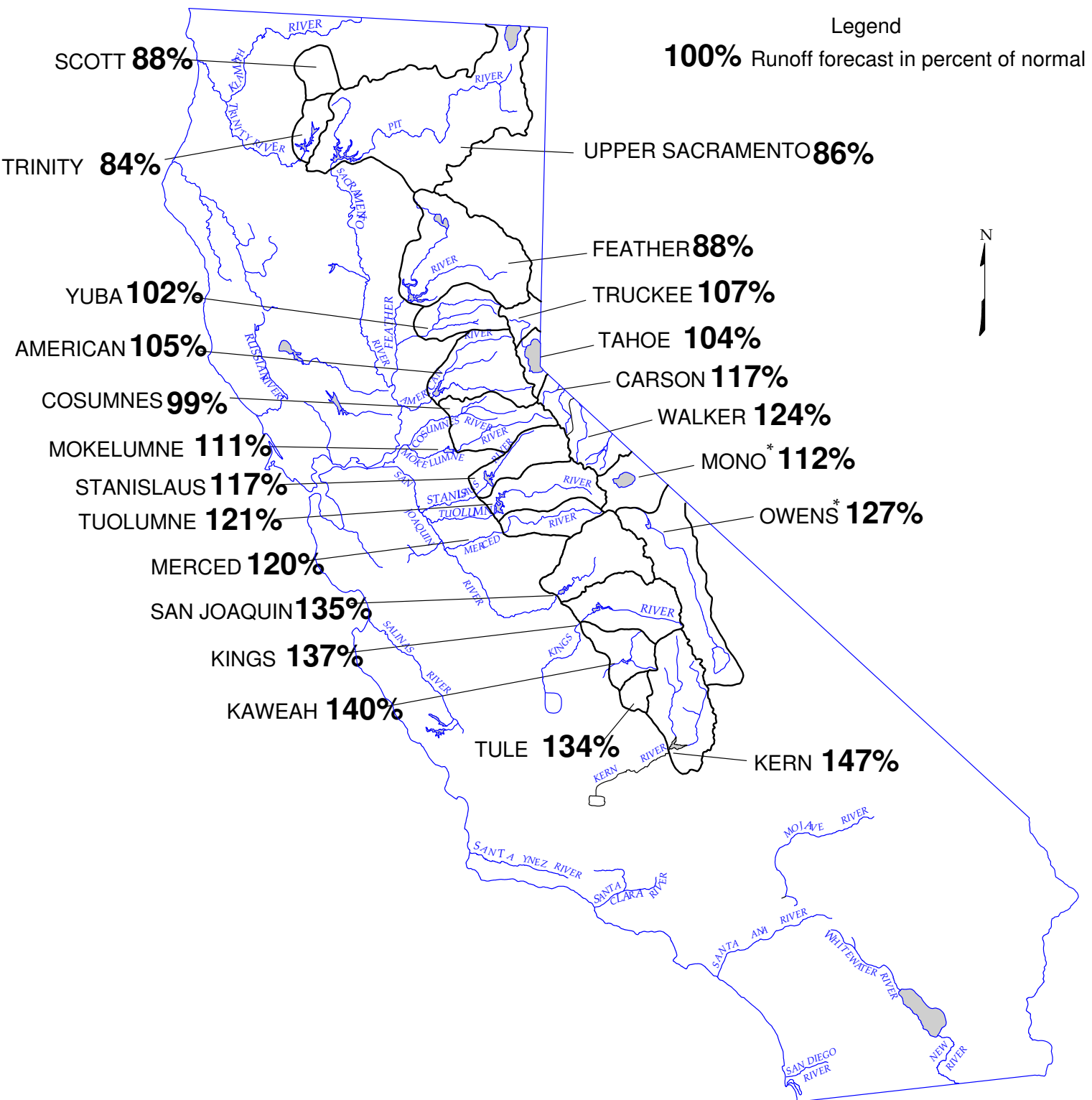
DEPARTMENT OF WATER RESOURCES

CALIFORNIA COOPERATIVE SNOW SURVEYS

FORECAST OF APRIL – JULY

UNIMPAIRED SNOWMELT RUNOFF

February 1, 2011



**FEBRUARY 1, 2011 FORECASTS
APRIL-JULY UNIMPAIRED RUNOFF**

HYDROLOGIC REGION and Watershed	Unimpaired Runoff in 1,000 Acre-Feet (1)					
	HISTORICAL			FORECAST		
	50 Yr Avg (2)	Max of Record	Min of Record	Apr-Jul Forecasts	Pct of Avg	80 % Probability Range (1)
North Coast						
Trinity River at Lewiston Lake (10)	654	1,593	80	550	84%	360 - 800
SACRAMENTO RIVER						
Upper Sacramento River						
Sacramento River at Delta above Shasta Lake	298	711	39	250	84%	
McCloud River above Shasta Lake	392	850	185	370	94%	
Pit River near Montgomery Creek + Squaw Creek	1,066	2,098	480	880	83%	
Total Inflow to Shasta Lake	1,819	3,525	726	1,560	86%	1,100 - 2,560
Sacramento River above Bend Bridge, near Red Bluff	2,494	5,075	943	2,100	84%	1,400 - 3,770
Feather River						
Feather River at Lake Almanor near Prattville (3)	333	675	120	280	84%	
North Fork at Pulga (3)	1,028	2,416	243	870	85%	
Middle Fork near Clio (4)	86	518	4	70	81%	
South Fork at Ponderosa Dam (3)	110	267	13	90	82%	
Feather River at Oroville	1,782	4,676	392	1,570	88%	870 - 3,010
Yuba River						
North Yuba below Goodyears Bar	279	647	51	280	100%	
Inflow to Jackson Mdws and Bowman Reservoirs (3)	112	236	25	110	98%	
South Yuba at Langs Crossing (3)	233	481	57	220	94%	
Yuba River near Smartsville plus Deer Creek	1,006	2,424	200	1,030	102%	630 - 1,720
American River						
North Fork at North Fork Dam (3)	262	716	43	260	99%	
Middle Fork near Auburn (3)	522	1,406	100	540	103%	
Silver Creek Below Camino Diversion Dam (3)	173	386	37	180	104%	
American River below Folsom Lake	1,240	3,074	229	1,300	105%	750 - 2,320
SAN JOAQUIN RIVER						
Cosumnes River at Michigan Bar	126	363	8	125	99%	55 - 305
Mokelumne River						
North Fork near West Point (5)	437	829	104	460	105%	
Total Inflow to Pardee Reservoir	461	1,065	102	510	111%	370 - 810
Stanislaus River						
Middle Fork below Beardsley Dam (3)	334	702	64	390	117%	
North Fork Inflow to McKays Point Dam (3)	224	503	34	270	121%	
Stanislaus River below Goodwin Reservoir (9)	702	1,710	116	820	117%	590 - 1,280
Tuolumne River						
Cherry Creek & Eleanor Creek near Hetch Hetchy	315	727	97	380	121%	
Tuolumne River near Hetch Hetchy	604	1,392	153	730	121%	
Tuolumne River below La Grange Reservoir (9)	1,220	2,682	301	1,470	121%	1,080 - 2,260
Merced River						
Merced River at Pohono Bridge	372	888	80	450	121%	
Merced River below Merced Falls (9)	632	1,587	123	760	120%	580 - 1,270
San Joaquin River						
San Joaquin River at Mammoth Pool (7)	1,026	2,279	235	1,400	136%	
Big Creek below Huntington Lake (8)	91	264	11	135	148%	
South Fork near Florence Lake (7)	201	511	58	270	134%	
San Joaquin River inflow to Millerton Lake	1,254	3,355	262	1,690	135%	1,330 - 2,510
TULARE LAKE						
Kings River						
North Fork Kings River near Cliff Camp (3)	239	565	50	340	142%	
Kings River below Pine Flat Reservoir	1,224	3,113	274	1,680	137%	1,280 - 2,480
Kaweah River below Terminus Reservoir	286	814	62	400	140%	300 - 640
Tule River below Lake Success	64	259	2	85	134%	59 - 175
Kern River						
Kern River near Kernville	384	1,203	83	570	148%	
Kern River inflow to Lake Isabella	461	1,657	84	680	147%	530 - 1,160

(1) See inside back cover for definition

(2) All 50 year averages are based on years 1956-2005 unless otherwise noted

(3) 50 year average based on years 1941-90

(4) 44 year average based on years 1936-79

(5) 36 year average based on years 1936-72

(6) 45 year average based on years 1936-81

(7) 50 year average based on years 1953-2002

(8) 50 year average based on years 1946-1995

**FEBRUARY 1, 2011 FORECASTS
WATER YEAR UNIMPAIRED RUNOFF**

HISTORICAL			Unimpaired Runoff in 1,000 Acre-Feet (1)									FORECAST			
50 Yr Avg (2)	Max of Record	Min of Record	Oct Thru Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Water Year Forecasts	Pct of Avg	80 % Probability Range (1)	
1398	2990	200	439	150	175	200	220	100	30	12	8	1,334	95%	1040	- 1770
887	1,965	165													
1,217	2,353	557													
3,159	5,150	1,484													
6,107	10,796	2,479	1,785	610	700	585	460	285	230	205	190	5,050	83%	4,085	- 7,145
8,907	17,180	3,294	2,730	1,080	1,170	810	620	380	290	270	260	7,610	85%	5,980	- 11,495
780	1,269	366													
2,417	4,400	666													
219	637	24													
291	562	32													
4,620	9,492	994	1,445	550	660	630	550	270	120	100	80	4,405	95%	3,085	- 7,120
564	1,056	102													
181	292	30													
379	565	98													
2,373	4,926	369	920	325	365	370	420	200	40	20	20	2,680	113%	1,995	- 3,865
616	1,234	66													
1,070	2,575	144													
318	705	59													
2,719	6,382	349	1,120	340	400	440	510	280	70	15	15	3,190	117%	2,310	- 4,815
390	1,253	20	199	80	85	62	44	16	3	1	0	490	126%	325	- 910
626	1,009	197													
755	1,800	129	255	65	90	135	220	135	18	5	2	925	123%	740	- 1,330
471	929	88													
1,171	2,952	155	415	110	160	220	320	210	70	15	5	1,525	130%	1,220	- 2,150
461	1,147	123													
770	1,661	258													
1,951	4,631	383	700	190	240	320	530	460	160	30	10	2,640	135%	2,140	- 3,690
461	1,020	92													
1,007	2,787	150	355	110	140	180	290	210	80	20	5	1,390	138%	1,140	- 2,090
1,337	2,964	308													
112	298	14													
248	653	71													
1,836	4,642	362	490	140	210	320	590	530	250	75	35	2,640	144%	2,180	- 3,690
284	607	58													
1,721	4,287	386	470	110	160	290	600	540	250	70	30	2,520	146%	2,030	- 3,500
454	1,402	94	154	50	65	95	145	120	40	11	5	685	151%	550	- 1,010
148	615	16	92	25	35	35	30	15	5	2	1	240	162%	190	- 400
558	1,577	163													
730	2,318	175	210	55	85	140	250	195	95	35	20	1,085	149%	890	- 1,710

(9) Forecast point names based on USGS gage names. Stanislaus below Goodwin also known as inflow to New Melones, Tuolumne River below La Grange also known as inflow to Don Pedro, Merced River below Merced Falls also known as inflow to McClure.

(10) Coordinated Forecast by National Weather Service California-Nevada River Forecast Center and Department of Water Resources, State of California

**FEBRUARY 1, 2011 FORECASTS
APRIL-JULY UNIMPAIRED RUNOFF**

HYDROLOGIC REGION and Watershed	Apr-Jul Unimpaired Runoff in 1,000 Acre-Feet (1)				
	HISTORICAL			FORECAST	
	50 Yr Avg (2)	Max of Record	Min of Record	Apr-Jul Forecasts	Pct of Avg
NORTH COAST					
Scott River					
Scott River nr Ft Jones (3)	181	398	22	160	88%
Klamath River					
Total inflow to Upper Klamath Lake (4)	515	1,151	149	515	100%
NORTH LAHONTAN					
Truckee River					
Lake Tahoe to Farad accretions	261	713	52	280	107%
Lake Tahoe Rise (assuming gates closed, ft)	1.4	5.4	0.2	1.4	104%
Carson River					
West Fork Carson River at Woodfords	54	135	12	62	114%
East Fork Carson River near Gardnerville	187	407	43	220	118%
Walker River					
West Walker River below Little Walker, near Coleville	154	330	35	190	123%
East Walker River near Bridgeport	64	209	7	82	128%
SOUTH LAHONTAN					
Owens River					
Total tributary flow to Owens River (5)	235	579	96	298	127%

(1) See inside back cover for definition

(2) All 50 year averages are based on years 1956-2005 unless otherwise noted

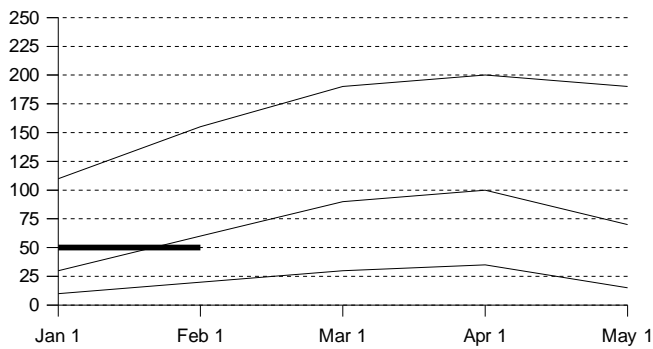
(3) Forecast by National Weather Service California-Nevada River Forecast Center. 30 yr average (1971-2000)

(4) Forecast by U.S. Natural Resources Conservation Service and National Weather Service California-Nevada River Forecast Center, April through September forecast, 30 year average based on years 1971-2000.

(5) Forecast by Department of Water and Power, City of Los Angeles, average based on years 1951-2000.

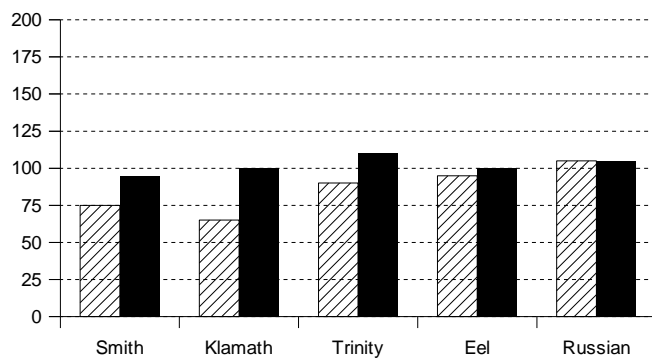
Snowpack Accumulation

Water Content in % of April 1 Average



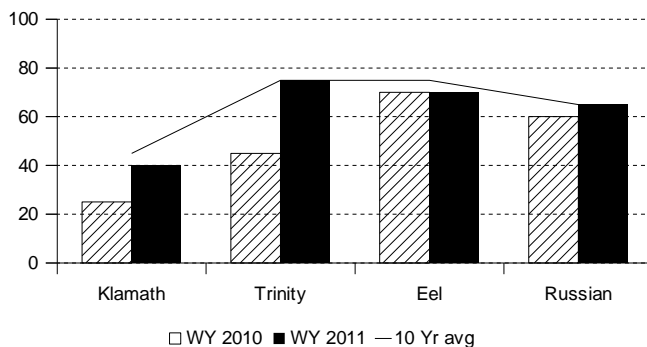
Precipitation

October 1 to date in % of Average



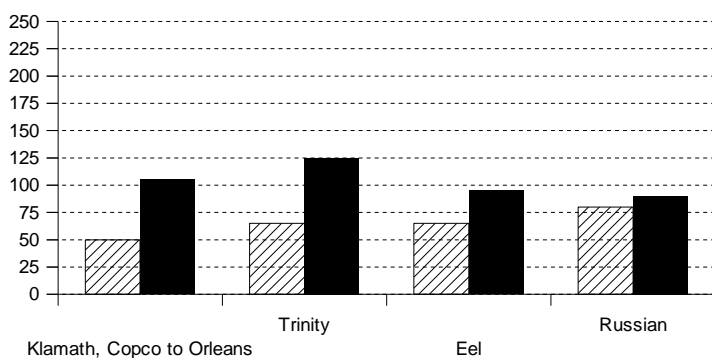
Reservoir Storage

Contents of major reservoirs in % of capacity



Runoff

October 1 to date in % of average



NORTH COAST REGION

SNOWPACK- First of the month measurements made at 7 snow courses indicate an area wide snow water equivalent of 13.6 inches. This is 80 percent of the February 1 average and 50 percent of the seasonal (April 1) average. Last year at this time the pack was holding 16.8 inches of water.

PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on this area was 100 percent of normal. Precipitation last month was about 25 percent of the monthly average. Seasonal precipitation at this time last year stood at 85 percent of normal.

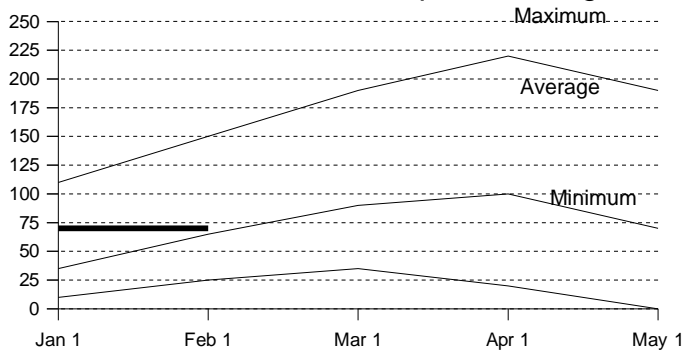
RESERVOIR STORAGE- First of the month storage in 6 reservoirs was 2.2 million acre-feet which is 105 percent of average. About 70 percent of available capacity was being used. Storage in these reservoirs at this time last year was 65 percent of average.

RUNOFF -Seasonal runoff of streams draining the area totaled 5.3 million acre-feet which is 100 percent of the average for this period. Last year, runoff for the same period was 60 percent of average.

SACRAMENTO RIVER REGION

Snowpack Accumulation

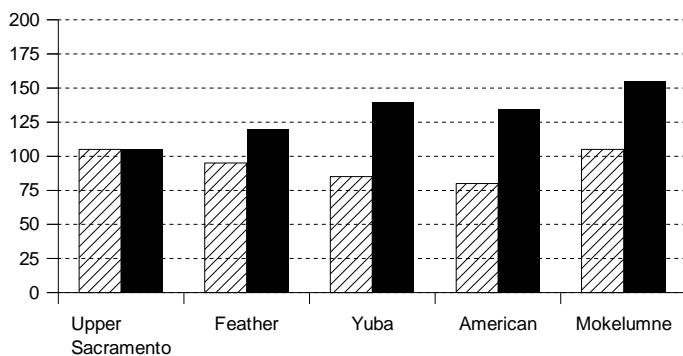
Water Content in % of April 1 Average



SNOWPACK- First of the month measurements made at 70 snow courses indicate an area wide snow water equivalent of 22.3 inches. This is 110 percent of the February 1 average and 70 percent of the seasonal (April 1) average. Last year at this time the pack was holding 21.5 inches of water.

Precipitation

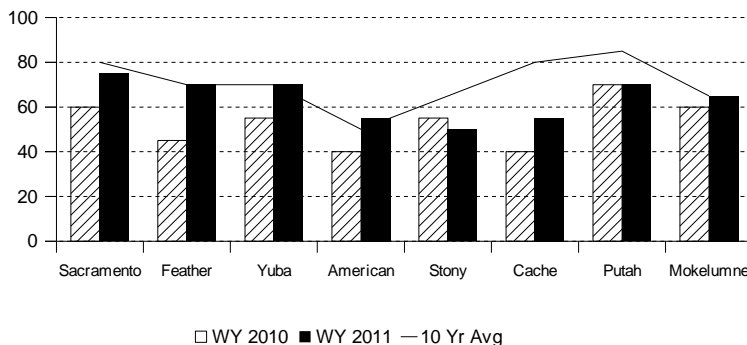
October 1 to date in % of Average



PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on this area was 120 percent of normal. Precipitation last month was about 25 percent of the monthly average. Seasonal precipitation at this time last year stood at 95 percent of normal.

Reservoir Storage

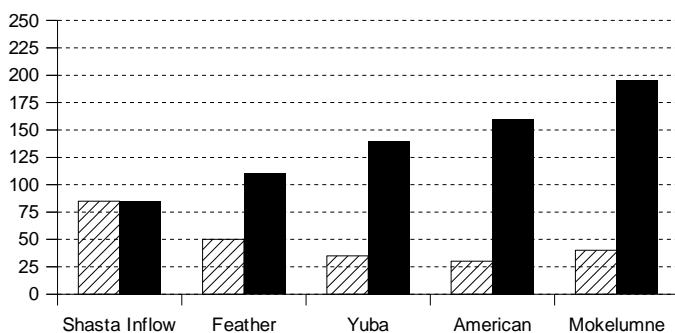
Contents of major reservoirs in % of capacity



RESERVOIR STORAGE- First of the month storage in 43 reservoirs was 11.2 million acre-feet which is 105 percent of average. About 70 percent of available capacity was being used. Storage in these reservoirs at this time last year was 80 percent of average.

Runoff

October 1 to date in % of average

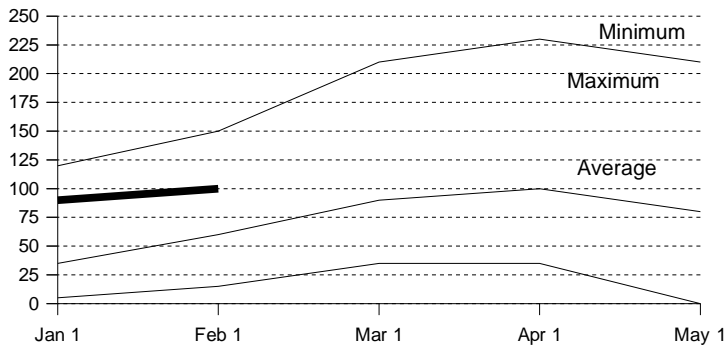


RUNOFF - Seasonal runoff of streams draining the area totaled 6.2 million acre-feet which is 110 percent of average for this period. Last year, runoff for the same period was 65 percent of average.

The **Sacramento Region 40-30-30 Water Supply Index** is forecast to be 7.8 assuming median meteorological conditions for the remainder of the year. This classifies the year as "below normal" in the Sacramento Valley according to the State Water Resources Control Board.

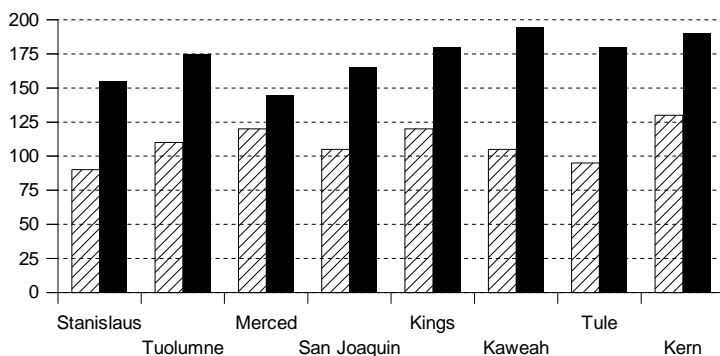
SAN JOAQUIN RIVER AND TULARE LAKE REGIONS

Snowpack Accumulation Water Content in % of April 1 Average



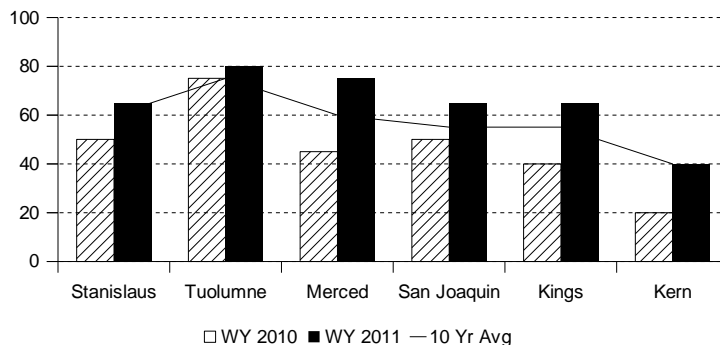
Precipitation

October 1 to date in % of Average



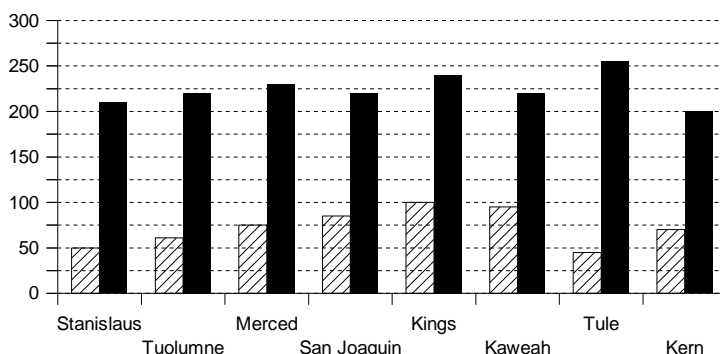
Reservoir Storage

Contents of major reservoirs in % of capacity



Runoff

October 1 to date in % of average



SNOWPACK- First of the month measurements made at 64 **San Joaquin River Region** snow courses indicate an area wide snow water equivalent of 28.7 inches. This is 145 percent of the February 1 average and 90 percent of seasonal average. Last year at this time the pack was holding 22.5 inches of water. At the same time 42 **Tulare Lake Region** snow courses indicated a basin-wide snow water equivalent of 25.7 inches which is 185 percent of the average for February 1 and 115 percent of the seasonal average. Last year at this time the basin was holding 17.9 inches of water.

PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on the **San Joaquin Region** was 155 percent of normal. Precipitation last month was about 55 percent of the monthly average. Seasonal precipitation at this time last year stood at 110 percent of normal. Seasonal precipitation on the **Tulare Lake Region** was 190 percent of normal. Precipitation last month was about 55 percent of the monthly average. Seasonal precipitation at this time last year stood at 115 percent of normal.

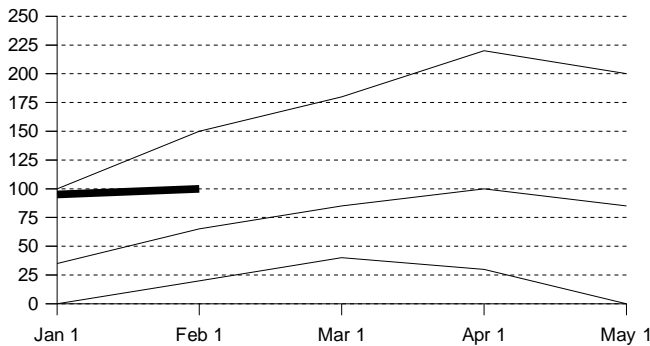
RESERVOIR STORAGE- First of the month storage in 34 **San Joaquin Region** reservoirs was 8.6 million acre-feet which is 125 percent of average. About 75 percent of available capacity was being used. Storage in these reservoirs at this time last year was 95 percent of average. First of the month storage in 4 **Tulare Lake Region** reservoirs was 920 thousand acre-feet which is 135 percent of average and about 50 percent of available capacity. Storage in these reservoirs at this time last year was 85 percent of average.

RUNOFF- Seasonal runoff of streams draining the **San Joaquin Region** totaled 2.4 million acre-feet which is 210 percent of average for this period. Last year, runoff for the same period was 60 percent of average. Seasonal runoff of streams draining the **Tulare Lake Basin** totaled 950 thousand acre-feet which is 230 percent of average for this period. Last year runoff for this same period was 85 percent of average. The **San Joaquin Region 60-20-20 Water Supply Index** is forecast to be 3.8 assuming 75 percent exceedance meteorological conditions. This classifies the year as "wet" in the San Joaquin Region according to the State Water Resources Control Board.

NORTH AND SOUTH LAHONTAN REGIONS

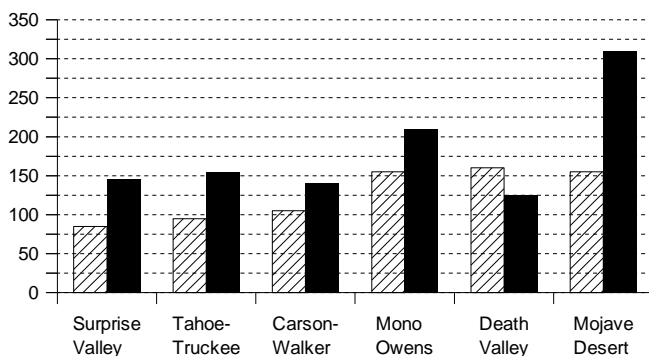
Snowpack Accumulation

Water Content in % of April 1 Average



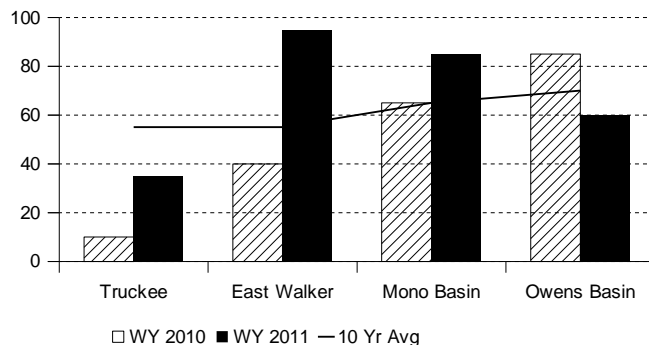
Precipitation

October 1 to date in % of Average



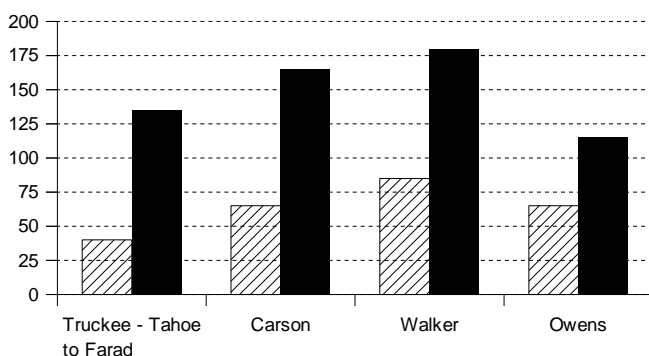
Reservoir Storage

Contents of major reservoirs in % of capacity



Runoff

October 1 to date in % of average



SNOWPACK- First of the month measurements made at 12 **North Lahontan** snow courses indicate an area wide snow water equivalent of 19.1 inches. This is 140 percent of the February 1 average and 90 percent of seasonal (April 1) average. Last year at this time the pack was holding 15.7 inches of water. At the same time 17 **South Lahontan Region** snow courses indicated a basin-wide snow water equivalent of 22.4 inches which is 180 percent of the average for February 1 and 115 percent of the seasonal average. Last year at this time the basin was holding 14.4 inches of water.

PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on the **North Lahontan Region** was 145 percent of normal. Precipitation last month was about 20 percent of the monthly average. Seasonal precipitation at this time last year stood at 95 percent of normal. Seasonal precipitation on the **South Lahontan Region** was 215 percent of normal. Precipitation last month was about 20 percent of the monthly average. Seasonal precipitation at this time last year stood at 155 percent of normal.

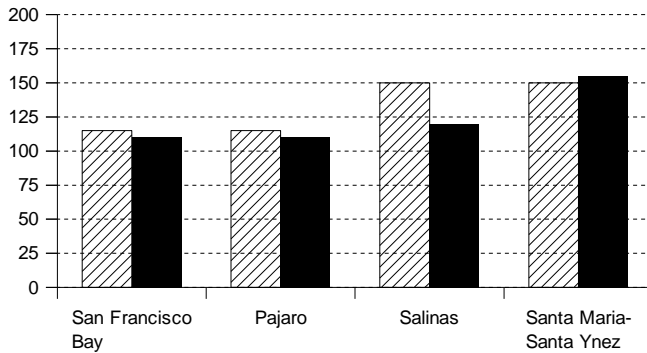
RESERVOIR STORAGE- First of the month storage in 5 **North Lahontan** reservoirs was 411 thousand acre-feet which is 80 percent of average. About 40 percent of available capacity was being used. Storage in these reservoirs at this time last year was 25 percent of average. Lake Tahoe was 1.6 feet above its natural rim on February 1. First of the month storage in 8 **South Lahontan** reservoirs was 276 thousand acre-feet which is 105 percent of average and about 70 percent of available capacity. Storage in these reservoirs at this time last year was 105 percent of average.

RUNOFF- Seasonal runoff of streams draining the **North Lahontan Region** totaled 235 thousand acre-feet which is 155 percent of average for this period. Last year, runoff for the same period was 60 percent of average. Seasonal runoff of the Owens River in the **South Lahontan Region** totaled 51 thousand acre-feet which is 115 percent of average for this period. Last year runoff for this same period was 65 percent of average.

SAN FRANCISCO BAY AND CENTRAL COAST REGIONS

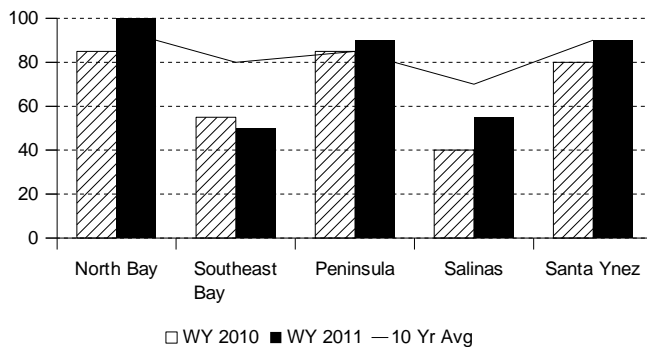
Precipitation

October 1 to date in % of Average



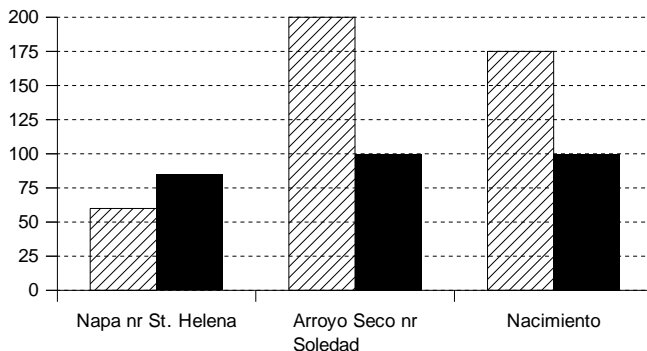
Reservoir Storage

Contents of major reservoirs in % of capacity



Runoff

October 1 to date in % of average



PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on the **San Francisco Bay Region** was 110 percent of normal. Precipitation last month was about 30 percent of the monthly average. Seasonal precipitation at this time last year stood at 115 percent of normal. Seasonal precipitation on the **Central Coast Region** was 130 percent of normal. Precipitation last month was about 45 percent of the monthly average. Seasonal precipitation at this time last year stood at 135 percent of normal.

RESERVOIR STORAGE- First of the month storage in 17 **San Francisco Bay Region** reservoirs was 485 thousand acre-feet which is 105 percent of average. About 70 percent of available capacity was being used. Storage in these reservoirs at this time last year was 105 percent of average. First of the month storage in 6 **Central Coast Region** reservoirs was 615 thousand acre-feet which is 105 percent of average and about 65 percent of available capacity. Storage in these reservoirs at this time last year was 80 percent of average.

RUNOFF- Seasonal runoff of the Napa River in the **San Francisco Bay Region** totaled 29 thousand acre-feet which is 85 percent of average for this period. Last year, runoff for the same period was 60 percent of average. Seasonal runoff of streams draining the **Central Coast Region** totaled 122 thousand acre-feet which is 100 percent of average for this period. Last year runoff for this same period was 190 percent of average.

SOUTH COAST REGION

PRECIPITATION - October through January (seasonal) precipitation on the **South Coast Region** was 185 percent of normal. January precipitation was 20 percent of the monthly average. Seasonal precipitation at this time last year was 135 percent of normal. Seasonal precipitation on the **Colorado River-Desert Region** was 120 percent of normal. Last year seasonal precipitation on the **Colorado River-Desert Region** was 220 percent of normal. Precipitation in January was less than five percent of average.

RESERVOIR STORAGE - February 1 storage in 29 major **South Coast Region** reservoirs was 1.4 million acre-feet or 105 percent of average. About 70 percent of available capacity was being used. Storage in these reservoirs at this time last year was 95 percent of average. On February 1 combined storage in Lakes Powell, Mead, Mohave and Havasu was about 26.8 million acre-feet or about 65 percent of average. About 50 percent of available capacity was in use. Last year at this time, these reservoirs were storing 70 percent of average.

RUNOFF - Seasonal runoff from selected **South Coast Region** streams is unavailable this month.

COLORADO RIVER

The April -July inflow to Lake Powell is forecast to be 9 million acre-feet, which is 113 percent of average. The February 1 snowpack in the Colorado River basin above Lake Powell was 125 percent of average, lowest in the San Juan at 95 percent and highest in the Duchesne at 150 percent.

MAJOR WATER DISTRIBUTION PROJECTS

RESERVOIR STORAGE

(AVERAGES BASED ON 1951-2000 OR PERIOD RECORD)

RESERVOIR	CAPACITY 1,000 AF	AVERAGE STORAGE 1,000 AF	2010 1,000 AF	STORAGE AT END OF January 2011 1,000 AF	PERCENT AVERAGE	PERCENT CAPACITY
<i>STATE WATER PROJECT</i>						
Lake Oroville	3,538	2,384	1,190	2,439	102%	69%
San Luis Reservoir (SWP)	1,062	865	567	973	112%	92%
Lake Del Valle	77	31	39	31	100%	40%
Lake Silverwood	73	65	61	58	90%	80%
Pyramid Lake	171	163	167	168	104%	98%
Castaic Lake	325	257	263	289	112%	89%
Perris Lake	132	113	64	70	62%	53%
<i>CENTRAL VALLEY PROJECT</i>						
Trinity Lake	2,448	1,763	1,040	1,821	103%	74%
Lake Shasta	4,552	3,133	2,597	3,490	111%	77%
Whiskeytown Lake	241	205	230	200	98%	83%
Folsom Lake	977	516	322	479	93%	49%
New Melones Reservoir	2,420	1,392	1,220	1,601	115%	66%
Millerton Lake	520	340	241	397	117%	76%
San Luis Reservoir (CVP)	971	753	593	932	124%	96%
<i>COLORADO RIVER PROJECT</i>						
Lake Mead	26,159	20,307	11,493	10,765	53%	41%
Lake Powell	24,322	18,432	13,991	13,822	75%	57%
Lake Mohave	1,810	1,677	1,736	1,670	100%	92%
Lake Havasu	619	547	597	550	101%	89%
<i>EAST BAY MUNICIPAL UTILITY DISTRICT</i>						
Pardee Res	198	178	174	194	109%	98%
Camanche Reservoir	417	249	286	246	99%	59%
East Bay (4 res.)	147	126	120	126	100%	86%
<i>CITY AND COUNTY OF SAN FRANCISCO</i>						
Hetch-Hetchy Reservoir	360	163	268	284	174%	79%
Cherry Lake	268	128	250	248	194%	93%
Lake Eleanor	26	10	17	23	238%	87%
South Bay/Peninsula (4 res.)	225	160	153	154	96%	68%
<i>CITY OF LOS ANGELES (D.W.P.)</i>						
Lake Crowley	183	123	122	112	91%	61%
Grant Lake	48	28	37	46	162%	96%
Other Aqueduct Storage (6 res.)	83	75	63	54	72%	65%

TELEMETERED SNOW WATER EQUIVALENTS

February 1, 2011

(AVERAGES BASED ON PERIOD RECORD)

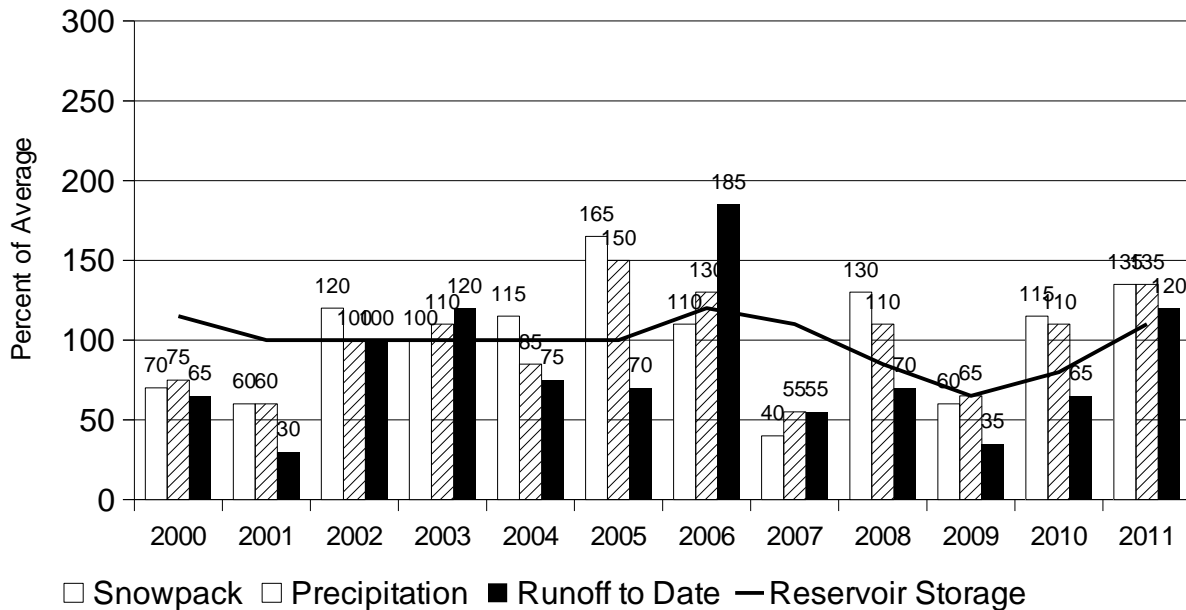
		INCHES OF WATER EQUIVALENT				
BASIN NAME		APRIL 1		PERCENT	24 HRS	1 WEEK
STATION NAME	ELEV	AVERAGE	Feb 1	OF AVERAGE	PREVIOUS	PREVIOUS
TRINITY RIVER						
Peterson Flat	7150'	29.2	—	—	4.5	6.5
Red Rock Mountain	6700'	39.6	28.7	72.6	28.7	28.2
Bonanza King	6450'	40.5	22.9	56.6	22.8	22.8
Shimmy Lake	6400'	40.3	24.5	60.8	24.4	23.9
Middle Boulder 3	6200'	28.3	15.3	54.0	15.5	16.0
Highland Lakes	6030'	29.9	18.7	62.6	18.8	19.4
Scott Mountain	5900'	16.0	9.4	58.5	9.0	9.0
Mumbo Basin	5650'	22.4	16.8	75.0	16.8	16.6
Big Flat	5100'	15.8	12.3	78.1	12.1	11.9
Crowder Flat	5100'	—	3.6	—	3.6	3.5
SACRAMENTO RIVER						
Cedar Pass	7100'	18.1	12.3	68.0	12.3	12.1
Blacks Mountain	7050'	12.7	6.7	52.8	6.6	6.2
Sand Flat	6750'	42.4	22.4	52.7	22.4	22.2
Medicine Lake	6700'	32.6	16.7	51.2	16.7	16.6
Adin Mountain	6200'	13.6	5.3	39.0	5.2	5.5
Snow Mountain	5950'	27.0	18.0	66.7	17.9	17.9
Slate Creek	5700'	29.0	18.6	64.2	18.5	18.6
Stouts Meadow	5400'	36.0	23.8	66.2	23.7	23.3
FEATHER RIVER						
Lower Lassen Peak	8250'	—	44.3	—	44.3	43.5
Kettle Rock	7300'	25.5	18.0	70.6	17.9	18.6
Grizzly Ridge	6900'	29.7	20.6	69.5	20.5	20.1
Pilot Peak	6800'	52.6	25.3	48.2	25.1	25.0
Gold Lake	6750'	36.5	29.3	80.2	29.1	28.1
Humbug	6500'	28.0	21.5	76.7	21.5	21.0
Harkness Flat	6200'	28.5	—	—	—	—
Rattlesnake	6100'	14.0	16.9	120.9	16.8	16.2
Bucks Lake	5750'	44.7	33.8	75.7	33.5	32.1
Four Trees	5150'	20.0	21.0	104.9	20.9	20.9
EEL RIVER						
Noel Spring	5100'	—	4.0	—	3.9	4.1
YUBA & AMERICAN RIVERS						
Lake Lois	8600'	39.5	38.2	96.7	38.1	43.8
Schneiders	8750'	34.5	36.4	105.5	36.5	35.2
Carson Pass	8353'	—	25.3	—	25.3	24.4
Caples Lake	8000'	30.9	24.5	79.2	24.1	23.2
Alpha	7600'	35.9	26.5	73.8	26.5	25.7
Meadow Lake	7200'	55.5	41.8	75.4	41.8	39.9
Silver Lake	7100'	22.7	24.2	106.4	24.2	23.4
Central Sierra Snow Lab	6900'	33.6	32.9	97.9	32.9	32.2
Huysink	6600'	42.6	24.5	57.4	24.4	23.9
Van Vleck	6700'	35.9	31.1	86.5	31.1	29.6
Robinson Cow Camp	6480'	—	29.9	—	29.9	28.1
Robbs Saddle	5900'	21.4	16.9	79.2	16.8	15.5
Greek Store	5600'	21.0	—	—	8.7	10.0
Blue Canyon	5280'	9.0	15.5	172.3	15.5	14.4
Robbs Powerhouse	5150'	5.2	8.3	160.4	8.3	7.8
MOKELUMNE & STANISLAUS RIVERS						
Deadman Creek	9250'	37.2	23.0	61.9	23.0	23.0
Highland Meadow	8700'	47.9	20.8	43.4	20.6	20.5
Gianelli Meadow	8400'	55.5	36.6	66.0	36.5	36.1
Lower Relief Valley	8100'	41.2	28.2	68.5	28.1	27.4
Blue Lakes	8000'	33.1	21.6	65.3	21.5	21.3
Mud Lake	7900'	44.9	—	—	—	—
Stanislaus Meadow	7750'	47.5	36.5	76.9	36.2	35.5
Bloods Creek	7200'	35.5	26.4	74.3	26.4	26.1
Black Springs	6500'	32.0	21.3	66.7	21.2	20.9
TUOLUMNE & MERCED RIVERS						
Tioga Pass Entrance	9945'	—	—	—	—	—
Dana Meadows	9800'	27.7	21.6	78.0	21.6	21.2
Slide Canyon	9200'	41.1	33.7	82.0	33.7	32.9
Lake Tenaya	8150'	33.1	16.6	50.0	16.8	16.2
Tuolumne Meadows	8600'	22.6	15.3	67.9	15.3	15.6
Horse Meadow	8400'	48.6	40.4	83.1	40.3	39.5
Ostrander Lake	8200'	34.8	28.9	83.0	28.8	28.0
White Wolf	7900'	—	25.6	—	25.5	24.5
Paradise Meadow	7650'	41.3	—	—	—	—
Gin Flat	7050'	34.2	23.1	67.4	23.1	22.5
Lower Kibbie Ridge	6700'	27.4	16.6	60.7	16.7	16.4

SAN JOAQUIN RIVER						
Volcanic Knob	10050'	30.1	—	—	—	—
Agnew Pass	9450'	32.3	24.0	74.3	24.1	24.0
Kaiser Point	9200'	37.8	30.4	80.5	30.2	30.2
Green Mountain	7900'	30.8	28.2	91.6	28.1	27.9
Devil's Postpile	7569'	—	—	—	—	—
Tamarack Summit	7550'	30.5	27.1	88.8	26.8	26.4
Chilkoot Meadow	7150'	38.0	27.9	73.3	27.9	29.7
Huntington Lake	7000'	20.1	24.7	123.0	24.6	24.4
Graveyard Meadow	6900'	18.8	21.8	116.2	21.8	21.5
Poison Ridge	6900'	28.9	25.3	87.6	25.1	24.1
KINGS RIVER						
Bishop Pass	11200'	34.0	24.7	72.6	24.6	24.2
Charlotte Lake	10400'	27.5	31.1	113.1	31.1	31.1
State Lakes	10300'	29.0	31.9	110.0	31.7	30.4
Mitchell Meadow	9900'	32.9	36.1	109.7	36.0	35.0
Blackcap Basin	10300'	34.3	30.6	89.2	30.6	29.9
Upper Burnt Corral	9700'	34.6	28.8	83.2	28.7	28.3
West Woodchuck Meadow	9100'	32.8	35.8	109.1	35.6	34.0
Big Meadows	7600'	25.9	22.2	85.7	22.4	23.0
KAWEAH & TULE RIVERS						
Farewell Gap	9500'	34.5	42.2	122.3	42.2	41.1
Quaking Aspen	7200'	21.0	23.4	111.4	23.3	22.8
Giant Forest	6650'	10.0	11.9	119.0	11.9	12.5
KERN RIVER						
Upper Tyndall Creek	11400'	27.7	19.0	68.6	18.9	18.9
Crabtree Meadow	10700'	19.8	17.6	89.0	17.6	17.8
Chagoopa Plateau	10300'	21.8	—	—	—	13.5
Pascoes	9150'	24.9	—	—	37.5	36.4
Tunnel Guard Station	8900'	15.6	19.9	127.4	19.9	19.7
Wet Meadows	8950'	30.3	32.3	106.6	32.2	31.9
Casa Vieja Meadows	8300'	20.9	27.2	130.1	27.2	27.1
Beach Meadows	7650'	11.0	—	—	—	—
SURPRISE VALLEY AREA						
Dismal Swamp	7050'	29.2	21.9	75.0	21.6	21.7
TRUCKEE RIVER						
Independence Lake	8450'	41.4	32.0	77.3	31.9	31.1
Big Meadows	8700'	25.7	17.1	66.5	17.2	17.2
Squaw Valley	8200'	46.5	37.4	80.4	37.4	37.6
Independence Camp	7000'	21.8	10.0	45.9	10.1	9.4
Independence Creek	6500'	12.7	13.0	102.4	12.9	12.4
Truckee 2	6400'	14.3	15.7	109.8	15.7	15.7
LAKE TAHOE BASIN						
Mount Rose Ski Area	8900'	38.5	26.8	69.6	26.8	26.6
Heavenly Valley	8800'	28.1	22.6	80.4	22.4	22.6
Hagans Meadow	8000'	16.5	15.8	95.8	15.5	15.7
Marlette Lake	8000'	21.1	21.4	101.4	21.3	21.2
Echo Peak 5	7800'	39.5	36.9	93.4	36.8	35.0
Rubicon Peak 2	7500'	29.1	21.6	74.2	21.6	21.6
Tahoe City Cross	6750'	16.0	13.7	85.6	13.4	13.3
Ward Creek 3	6750'	39.4	29.6	75.1	29.6	28.5
Fallen Leaf Lake	6250'	7.0	8.2	117.1	7.9	7.7
CARSON RIVER						
Ebbetts Pass	8700'	38.8	27.6	71.1	27.6	27.2
Horse Meadow	8557'	—	18.6	—	18.5	18.5
Burnside Lake	8129'	—	21.8	—	21.9	21.3
Forestdale Creek	8017'	—	31.3	—	31.1	30.0
Poison Flat	7900'	16.2	12.0	74.1	12.0	12.2
Monitor Pass	8350'	—	12.4	—	12.3	12.4
Spratt Creek	6150'	4.5	2.5	55.6	2.7	3.3
WALKER RIVER						
Leavitt Lake	9600'	—	42.3	—	42.0	41.5
Summit Meadow	9313'	—	17.9	—	17.9	18.0
Virginia Lakes	9300'	20.3	14.1	69.5	14.1	14.0
Lobdell Lake	9200'	17.3	17.5	101.2	17.6	17.9
Sonora Pass Bridge	8750'	26.0	19.6	75.4	19.6	19.5
Leavitt Meadows	7200'	8.0	11.4	142.5	11.0	10.8
OWENS RIVER/MONO LAKE						
Gem Pass	10750'	31.7	31.7	100.1	31.7	31.0
Sawmill	10200'	19.4	16.4	84.4	16.4	16.7
Cottonwood Lakes	10150'	11.6	15.6	134.4	15.7	16.1
Big Pine Creek	9800'	17.9	19.2	107.4	19.1	18.9
South Lake	9600'	16.0	20.5	128.2	20.5	20.6
Mammoth Pass	9300'	42.4	34.2	80.6	34.2	34.2
Rock Creek Lakes	9700'	14.0	18.7	133.4	18.7	18.6

NORMAL SNOWPACK ACCUMULATION EXPRESSED AS A PERCENT OF APRIL 1ST AVERAGE

AREA	JANUARY	FEBRUARY	MARCH	APRIL	MAY
Central Valley North	45%	70%	90%	100%	75%
Central Valley South	45%	65%	85%	100%	80%
North Coast	40%	60%	85%	100%	80%

February 1 Statewide Conditions



SNOWLINES

The 79th Western Snow Conference (WSC) annual meeting will be held in South Lake Tahoe April 18-21. This meeting will be hosted by the South Pacific Region. Don't miss out on an opportunity to attend this meeting of the premier organization devoted to the study of snow and runoff. Further information is at <http://www.westernsnowconference.org/> or contact Frank Gehrke 916-574-2635

Depicted on this month's cover is a photo of the pioneers of snow study from the 27th Annual Meeting of the Western Snow Conference at Reno, Nevada in 1959. Seated is Dr. J. E. Church, standing left to right are F.T. Mayo, W. W. McLaughlin, Gov. George D. Clyde, George Lewis, Prof. H. P. Boardman, N. S. Hall and Fred Strauss. Fred will be attending this years meeting. This photo is from the collection of Southern California Edison courtesy of Vince White.